

Switching Power Supply

NS-1230M / NS-1230B User Manual

User information

The NS-1230 power supplies enable you to use with any electronic products.

Check the mains supply voltage

Before you plug in and turn on the power supply for the first time, please check the mains supply voltage.

The voltage rating of the power supply is printed on a label on the cover of the unit. Verify that it corresponds with your local mains supply voltage (that is factory fixed at 110VAC or 220VAC).

Turning the power supply on

Turn the power supply on by pressing the power switch to the 'ON' Position.

Turning the power supply off

Before you turn the power supply off, turn the radio off as described in the user documentation for the radio.

Turn the power supply off by pressing the power switch to the 'OFF' Position

Cooling

The NS-1230 power supply is cooled by convection and forced air cooling (that is, normal airflow around the power supply in combination with a temperature controlled fan to improve cooling at higher levels of use). The fan is always activated and the speed is controlled by a sensor. When the temperature rises, the fan speed increases.

Installation

1. Unplug the power supply from the mains supply outlet.
2. Connect the power cable's positive (red) wire to the positive terminal and connect the negative (black) wire to the negative terminal on the back of the power supply.
3. Plug the power cable into the power socket on the back of the radio.

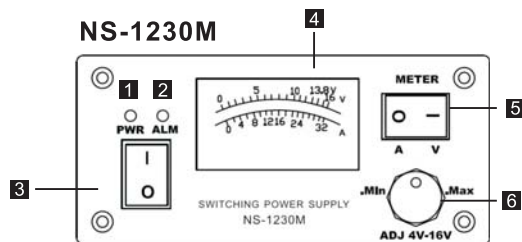
Electrical specifications

| MODEL | NS-1230M | NS-1230B |
|---------------------|-------------------------|---------------|
| Input Voltage | AC 115V/230V Switchable | |
| Input Frequency | 47Hz ~ 63Hz | |
| Polarity Grounded | Negative | |
| Output Voltage | DC 4V~16V Adjustable | DC13.8V Fixed |
| Continuous (13.8V) | 25A | |
| Surge(13,8V) | 30A | |
| Ripple & Noise | <100mV | |
| Efficiency | 75% | |
| Dimension(L*W*H mm) | 154 x127x63 | |
| Net Weight | 1.35 kg | |

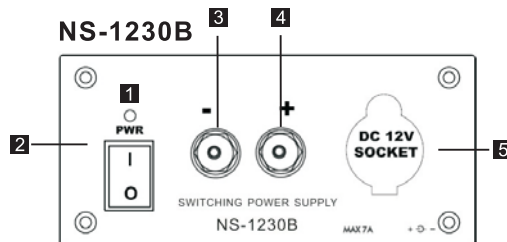
Note: Specifications may change without prior notice

Panel Descriptions:

Front panel:



1. Power indicator
2. Warning indicator
3. AC power switch
4. V/A Meter
5. V/A meter switch
6. DC output voltage adjust

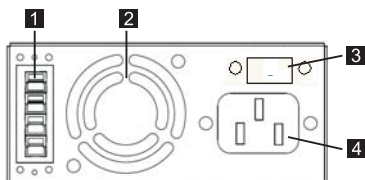


1. Power indicator
2. AC power switch
3. DC output ⊖
4. DC output ⊕
5. DC output socket

Rear panel:

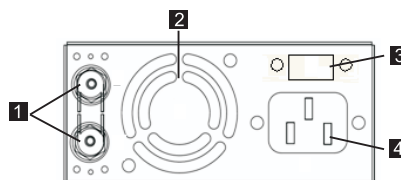
Terminal : A / B / T type is option

Anderson connector



1. DC output
3. 115V/230V AC switch

Binder terminal



2. Fan
4. AC input socket

Terminal block

